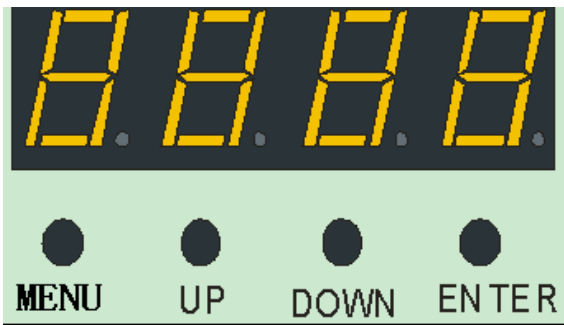


84 RGB + 20 W strobe light instruction

ATOMIC STROBE WITH MATRIX

Display panel and key definition



MENU UP DOWN ENTER

Menu key: Select function

Up key: increase the parameters step by step

Down key: parameter decrement

Confirm key: confirm and save

Menu function

Press the menu key after power on, and the menu menu menu will appear in turn; Press the up or down key to modify the function parameters, and press the OK key to save the current function and parameters (with power down memory after saving).

Menu menu:

A001	⇒	A512	Modify the address code (A001 ~ A512) up or down, and click OK to save. A001 is the default.
CH04	⇒	CH250	Switch CH04, ch17 and CH250 up or down. Press OK to save. Ch17 is the default.
M000	⇒	M126	Modify upward or downward, 128 three in one RGB built-in effects (M000 ~ m127), OK to save.
S000	⇒	S255	Modify the running speed of the three in one RGB built-in effect (s000 ~ s255) up or down, and confirm to save.
P000	⇒	P0064	65 effects of built-in white light (p000 ~ p0064) are modified up or down. Switch the built-in effect up and down and confirm to save.
S000	⇒	S255	Modify the running speed of the built-in white light effect (s000 ~ s255) up or down, and confirm to save.
Q000	⇒	Q0064	Modify upward or downward, 128 four in one built-in effects (q000 ~ q127), OK to save.
S000	⇒	S255	Modify the running speed of the built-in RGBW effect (s000 ~ s255) up or down, and confirm to save.
Soud	⇒	Soud	Audio Mode
R255	⇒	R000	Modify the brightness of the red light bead (r000 ~ r255) up or down, press the OK key to save, and the default is R250.
G255	⇒	G000	Modify the green light bulb brightness (G000 ~ g255) up or down, press OK to save, and the default is G250.
B255	⇒	B000	Modify the brightness of blue light beads (b000 ~ B255) up or down, and press the OK key to save. The default is B250.
W255	⇒	W000	Modify the brightness of white light beads (w000 ~ W255) up or down, and press OK to save. The default is w220.
T000			Display temperature, for example, t045 indicates that the current lamp temperature is 45 °C; If 10K thermistor is not installed, T000 is displayed.

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Master slave control

Two or more identical lamps are connected by DMX three core signal wires. The lamps are set to any address code from A001 to A512, any one is set as the host, other lamps are slaves, and all slave displays do not flash; When the host gradient, pulse change, jump change, voice control and self-propelled effects are used, all slaves synchronize gradient, pulse change, jump change, voice control and self-propelled effects.

Special attention: 1. Only one host can be set for a group of lamps. If there are multiple hosts, all lamps will flash out of sync.

2. All lamps can only work when the DMX512 console is turned off.

Factory settings

In case of any address code from A001 to A512, press the menu key for 3 seconds to enter the factory setting. Factory setting mainly includes the functions of each output power of lamps, fan setting mode, setting temperature protection point and sending parameters. Factory setting any mode, press menu key to exit in 3 seconds.

Factory setting table:

R255	→	R032	Modify the red light bead current (r032-r255) upward or downward, press the OK key to save, and the default is r225.
G255	→	G032	Modify the green light bulb current (g032-g255) up or down, press OK to save, and the default is g225.
B255	→	B032	Modify the blue light bead current (b032-b255) up or down, press the OK key to save, and the default is b225.
W255	→	W032	Modify the white light bead current (w032-w255) up or down, press OK to save, and the default is w225.
FAN0	→	FAN1	F fan setting: when fan0 light is on, start the fan, Fan1 reaches the set temperature protection point, start the fan, and press OK to save.
T040	→	T070	Set the temperature protection point, modify the parameters up or down (40 °C ~ 70 °C), press the OK key to save, and the default is t065.
Send	→	Send	Send the factory setting parameters of the machine up or down to all other lamps connected in parallel with three core signal wires; Confirm the sending parameters and press the menu key for 3 seconds

DMX512Console

After power on, the address codes of all lamps are set. Connect all lamps to DMX512 console in parallel with three core signal wires, and the address code will stop flashing, indicating that DMX512 console signal has been sent to lamps. Use DMX512 console to control relevant functions according to the instructions of each channel.

CH4Channel description:

Pass age way	Channe l value	basic function
1	000-255	Linear dimming of red light beads.
2	000-255	Green light bead linear dimming.

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	5	
3	000-25 5	Blue light bead linear dimming.
4	000-25 5	White light bead linear dimming.

Pass age way	Channe l value	basic function
1	000-25 5	Total dimming
2	000-25 5	Linear dimming of red light beads.
3	000-25 5	Green light bead linear dimming.
4	000-25 5	Blue light bead linear dimming.
5	000-25 5	White light bead linear dimming.
6	000-25 5	Colorful (the mode of walking will have colorful effect)
7	000-25 5	RGB effect mode selection
8	000-25 5	RGB effect mode speed
9	000-25 5	W effect mode selection
10	000-25 5	W effect speed
11	000-25 5	RGBW stroboscopic
12	000-25 5	RGBW effect mode selection (see VI for RGBW effect)
13	000-25 5	RGBW effect speed
14	000-25 5	Background color
15	000-25 5	Background tone light
16	000-25 5	Static pattern (number / letter)
17	000-25 5	Static pattern direction.

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CH17Channel description: Default channel

Pass age way	Channe l value	basic function
1	000-25 5	Segment 01 red light bead linear dimming.
2	000-25 5	Segment 01 green light bead linear dimming.
3	000-25 5	Segment 01: linear dimming of blue light beads.
4	000-25 5	Section 02 red light bead linear dimming.
5	000-25 5	Segment 02 green bulb linear dimming.
6	000-25 5	Segment 02: linear dimming of blue light beads.
...	...	...
235	000-25 5	Section 79 red light bead linear dimming.
236	000-25 5	Segment 79 green bulb linear dimming.
237	000-25 5	Segment 79 blue light bead linear dimming.
238	000-25 5	Segment 80 red light bead linear dimming.
239	000-25 5	Segment 80: linear dimming of green light beads.
240	000-25 5	Segment 80: linear dimming of blue light beads.
241	000-25 5	Section 01 white light bead linear dimming.
242	000-25 5	Section 02 white light bead linear dimming.
...	...	...
249	000-25 5	Section 09 white light bead linear dimming.
250	000-25 5	Section 10 white light bead linear dimming.

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CH250Channel description:

Channel value	Mode code	RGBAuxiliary light effect
0-1	0	No effect
2-3	1	Effect 1.
4-5	2	Effect 2.
6-7	3	Effect 3.
... 	... 	... 
250-251	125	The effect is 125.
252-253	126	The effect is 126.
254-255	127	Mode code 1-126 cycle.

Mode effect(Note: the mode code is 11 ~ 114. You can push and pull RGB to change the background color.)

Channel value	Mode code	WMain light effect
0-3	0	No effect
4-7	1	Effect 1.
8-11	2	Effect 2.
12-15	3	Effect 3.
... 	... 	... 
240-243	60	The effect is 60.
244-247	61	Effect 61.
248-251	62	Effect 62.
252-255	63	Mode code 1-62 cycle.

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Technical parameters:

Voltage: AC100 ~ 240V 50 / 60Hz

Power: 800W

Leds: 756pcs 5050 three color LEDs+ 180pcs white LEDs

Control mode: DMX512, self-propelled, master-slave, voice control, with RDM function.

Channel: CH04, ch17, CH250

Dimming: 32bit 0 ~ 100% linear dimming

Features: 84 segments + 20 segments of horse running + dyeing + Flash

Operating temperature: - 30 °C ~ 60 °C

Stroboscopic frequency: 1 ~ 30Hz

Appearance: Plastic, black

Connection mode: DMX512 input / output / power input / output.

IP class: IP20